SEQUENCE LISTING

(1) GENERAL INFORMATION:

(i)	APPLICANT	:	Neil MILES
(ii)	TITLE OF INVENTION	:	PEACH TREE 'V75074'
(iii)	NUMBER OF SEQUENCES	:	7
(iv)	CORRESPONDENCE ADDRESS	:	
	(A) ADDRESSEE	:	FLYNN, THIEL, BOUTELL & TANIS, P.C.
	(B) STREET	:	2026 Rambling Road
	(C) CITY	:	Kalamazoo
	(D) STATE	:	Michigan
	(E) COUNTRY	:	USA
	(F) ZIP	:	49008-1631
(v)	COMPUTER READABLE FORM	:	
	(A) MEDIUM TYPE	:	Diskette, 3.5 inches, 1.44 Mb storage
	(B) COMPUTER	:	Gateway
	(C) OPERATING SYSTEM	:	Microsoft Windows 98
	(D) SOFTWARE	:	Word 2000
(vi)	CURRENT APPLICATION DATA	:	
	(A) APPLICATION NUMBER	:	10/043 572
	(B) FILING DATE	:	January 10, 2002
	(C) CLASSIFICATION	:	Plant
(vii)	PRIOR APPLICATION DATA	:	N/A
	(A) APPLICATION NUMBER	:	
	(B) FILING DATE	:	
(viii)	ATTORNEY/AGENT INFORMATION	:	
	(A) NAME	:	Sidney B. Williams, Jr.
	(B) REGISTRATION NUMBER	:	24 949
	(C) REFERENCE/DOCKET NUMBER	:	IPPM Case 7
(ix)	TELECOMMUNICATION INFORMATION	:	
	(A) TELEPHONE	:	(269) 381-1156
	(B) TELEFAX	:	(269) 381-5465

(2) INFORMATION FOR CPPCT030-A	:	Sequence ID No. 1
Sequence 5' to 3'	:	TGAATATTGTTCCTCAATTC
(i) SEQUENCE CHARACTERISTICS	:	
(A) LENGTH	:	20
(B) TYPE	:	
(C) STRANDEDNESS	:	
(D) LENGTH	:	
(ii) MOLECULE TYPE	:	DNA
(iii) HYPOTHETICAL	:	
(iv) ANTI-SENSE	:	
(v) ORIGINAL SOURCE	:	
(A) ORGANISM	:	ARTIFICIAL
(B) INDIVIDUAL/ISOLATE	:	
(C) CELL TYPE	:	
(vi) IMMEDIATE SOURCE	:	
(B) CLONE	:	
(C) OTHER	:	SYNTHETIC
(x) PUBLICATION INFORMATION	:	
(A) AUTHORS	:	Aranzana et al.
(B) TITLE	:	Development and Variability Analysis
	:	Of Microsatellite Markers in Peach
(C) JOURNAL	:	Plant Breeding
(D) VOLUME	:	121
(F) PAGES	:	87-92
(G) DATE	:	2002
(K) RELEVANT RESIDUES	:	

(3) INFORMATION FOR CPPCT030-B	:	Sequence ID No. 2
Sequence 5′ to 3′	:	CTCTAGGCAAGAGATGAGA
(i) SEQUENCE CHARACTERISTICS	:	
(A) LENGTH	:	19
(B) TYPE	:	
(C) STRANDEDNESS	:	
(E) LENGTH	:	
(ii) MOLECULE TYPE	:	DNA
(iii) HYPOTHETICAL	:	
(iv) ANTI-SENSE	:	
(v) ORIGINAL SOURCE	:	
(A) ORGANISM	:	ARTIFICIAL
(B) INDIVIDUAL/ISOLATE	:	
(C) CELL TYPE	:	
(vi) IMMEDIATE SOURCE	:	
(B) CLONE	:	
(C) OTHER	:	SYNTHETIC
(x) PUBLICATION INFORMATION	:	
(A) AUTHORS	:	Aranzana et al.
(B) TITLE	:	Development and Variability Analysis
	:	Of Microsatellite Markers in Peach
(C) JOURNAL	:	Plant Breeding
(D) VOLUME	:	121
(F) PAGES	:	87-92
(G) DATE	:	2002
(K) RELEVANT RESIDUES	:	

(4) INFORMATION FOR Pchcms2-A	:	Sequence ID No. 3
Sequence 5' to 3'	:	AGGGTCGTCTCTTTGAC
(i) SEQUENCE CHARACTERISTICS	:	
(A) LENGTH	:	17
(B) TYPE	:	
(C) STRANDEDNESS	:	
(F) LENGTH	:	
(ii) MOLECULE TYPE	:	DNA
(iii) HYPOTHETICAL	:	
(iv) ANTI-SENSE	:	
(v) ORIGINAL SOURCE	:	
(A) ORGANISM	:	ARTIFICIAL
(B) INDIVIDUAL/ISOLATE	:	
(C) CELL TYPE	:	
(vi) IMMEDIATE SOURCE	:	
(B) CLONE	:	
(C) OTHER	:	SYNTHETIC
(x) PUBLICATION INFORMATION	:	
(A) AUTHORS	:	Sosinski et al.
(B) TITLE	:	Characterization of Microsatellite Markers In Peach [Prunus persica (L.) Batsch]
(C) JOURNAL	:	Theor. Appl. Genet.
(D) VOLUME	:	101
(F) PAGES	:	421-428
(G) DATE	:	2000
(K) RELEVANT RESIDUES	:	

(5) INFORMATION FOR Pchcms2-B	:	Sequence ID No. 4
Sequence 5' to 3'	:	CTTCGTTTCAAGGCCTG
(i) SEQUENCE CHARACTERISTICS	:	
(A) LENGTH	:	17
(B) TYPE	:	
(C) STRANDEDNESS	:	
(G) LENGTH	:	
(ii) MOLECULE TYPE	:	DNA
(iii) HYPOTHETICAL	:	
(iv) ANTI-SENSE	:	
(v) ORIGINAL SOURCE	:	
(A) ORGANISM	:	ARTIFICIAL
(B) INDIVIDUAL/ISOLATE	:	
(C) CELL TYPE	:	
(vi) IMMEDIATE SOURCE	:	
(B) CLONE	:	
(C) OTHER	:	SYNTHETIC
(x) PUBLICATION INFORMATION	:	
(A) AUTHORS	:	Sosinski et al.
(B) TITLE	:	Characterization of Microsatellite Markers
	:	In Peach [Prunus persica (L.) Batsch]
(C) JOURNAL	:	Theor. Appl. Genet.
(D) VOLUME	:	101
(F) PAGES	:	421-428
(G) DATE	:	2000
(K) RELEVANT RESIDUES	:	

(6) INFORMATION FOR Pchcms5-A	:	Sequence ID No. 5
Sequence 5' to 3'	:	CGCCCATGACAAACTTA
(i) SEQUENCE CHARACTERISTICS	:	
(A) LENGTH	:	17
(B) TYPE	:	
(C) STRANDEDNESS	:	
(H) LENGTH	:	
(ii) MOLECULE TYPE	:	DNA
(iii) HYPOTHETICAL	:	
(iv) ANTI-SENSE	:	
(v) ORIGINAL SOURCE	:	
(A) ORGANISM	:	ARTIFICIAL
(B) INDIVIDUAL/ISOLATE	:	
(C) CELL TYPE	:	
(vi) IMMEDIATE SOURCE	:	
(B) CLONE	:	
(C) OTHER	:	SYNTHETIC
(x) PUBLICATION INFORMATION	:	
(A) AUTHORS	:	Sosinski et al.
(B) TITLE	:	Characterization of Microsatellite Markers In Peach [Prunus persica (L.) Batsch]
(C) JOURNAL	:	Theor. Appl. Genet.
(D) VOLUME	:	101
(F) PAGES	:	421-428
(G) DATE	:	2000
(K) RELEVANT RESIDUES	:	

(7) INFORMATION FOR Pchcms5-B	:	Sequence ID No. 6
Sequence 5' to 3'	:	GTCAAGAGGTACACCAG
(i) SEQUENCE CHARACTERISTICS	:	
(A) LENGTH	:	17
(B) TYPE	:	
(C) STRANDEDNESS	:	
(I) LENGTH	:	
(ii) MOLECULE TYPE	:	DNA
(iii) HYPOTHETICAL	:	
(iv) ANTI-SENSE	:	
(v) ORIGINAL SOURCE	:	
(A) ORGANISM	:	ARTIFICIAL
(B) INDIVIDUAL/ISOLATE	:	
(C) CELL TYPE	:	
(vi) IMMEDIATE SOURCE	:	
(B) CLONE	:	
(C) OTHER	:	SYNTHETIC
(x) PUBLICATION INFORMATION	:	
(A) AUTHORS	:	Sosinski et al.
(B) TITLE	:	Characterization of Microsatellite Markers In Peach [Prunus persica (L.) Batsch]
(C) JOURNAL	:	Theor. Appl. Genet.
(D) VOLUME	:	101
(F) PAGES	:	421-428
(G) DATE	:	2000
(K) RELEVANT RESIDUES	:	

(8) INFORMATION FOR UDP96-013-A	:	Sequence ID No. 7
Sequence 5' to 3'	:	ATTCTTCACTACACGTGCACG
(i) SEQUENCE CHARACTERISTICS	:	
(A) LENGTH	:	21
(B) TYPE	:	
(C) STRANDEDNESS	:	
(J) LENGTH	:	
(ii) MOLECULE TYPE	:	DNA
(iii) HYPOTHETICAL	:	
(iv) ANTI-SENSE	:	
(v) ORIGINAL SOURCE	:	
(A) ORGANISM	:	ARTIFICIAL
(B) INDIVIDUAL/ISOLATE	:	
(C) CELL TYPE	:	
(vi) IMMEDIATE SOURCE	:	
(B) CLONE	:	
(C) OTHER	:	SYNTHETIC
(x) PUBLICATION INFORMATION	:	
(A) AUTHORS	:	Cipriani et al.
(B) TITLE	:	AC/GT and AG/CT Microsatellite Repeats in
	:	Peach [Prunus persica (L) Batsch]: isolation,
	:	Characterization, and cross-species
	:	Amplification in Prunus
(C) JOURNAL	:	Theor. Appl. Genet.
(D) VOLUME	:	99
(F) PAGES	:	65-72
(G) DATE	:	1999
(K) RELEVANT RESIDUES	:	
(x) PUBLICATION INFORMATION	:	
(A) AUTHORS	:	Testolin et al.
(B) TITLE	:	Microsatellite DNA in peach (Prunus
	:	persica L. Batsch) and its use in
	:	Fingerprinting and testing the genetic
	:	Origin of cultivars
(C) JOURNAL	:	Genome
(D) VOLUME	:	43
(F) PAGES	:	512-520
(G) DATE	:	2000
(K) RELEVANT RESIDUES	:	

(9) INFORMATION FOR UDP96-013-B	:	Sequence ID No. 8
Sequence 5' to 3'	:	CCCCAGACATACTGTGGCTT
(i) SEQUENCE CHARACTERISTICS	:	
(A) LENGTH	:	20
(B) TYPE	:	
(C) STRANDEDNESS	:	
(K) LENGTH	:	
(ii) MOLECULE TYPE	:	DNA
(iii) HYPOTHETICAL	:	
(iv) ANTI-SENSE	:	
(v) ORIGINAL SOURCE	:	
(A) ORGANISM	:	ARTIFICIAL
(B) INDIVIDUAL/ISOLATE	:	
(C) CELL TYPE	:	
(vi) IMMEDIATE SOURCE	:	
(B) CLONE	:	
(C) OTHER	:	SYNTHETIC
(x) PUBLICATION INFORMATION	:	
(A) AUTHORS	:	Cipriani et al.
(B) TITLE	:	AC/GT and AG/CT Microsatellite Repeats in
	:	Peach [Prunus persica (L) Batsch]: isolation,
	:	Characterization, and cross-species
	:	Amplification in Prunus
(C) JOURNAL	:	Theor. Appl. Genet.
(D) VOLUME	:	99
(F) PAGES	:	65-72
(G) DATE	:	1999
(K) RELEVANT RESIDUES	:	
(x) PUBLICATION INFORMATION	:	
(A) AUTHORS	:	Testolin et al.
(B) TITLE	:	Microsatellite DNA in peach (Prunus
	:	persica L. Batsch) and its use in
	:	Fingerprinting and testing the genetic
	:	Origin of cultivars
(C) JOURNAL	:	Genome
(D) VOLUME	:	43
(F) PAGES	:	512-520
(G) DATE	:	2000
(K) RELEVANT RESIDUES	:	

(I0) INFORMATION FOR UDP98-407-A	:	Sequence ID No. 9
Sequence 5' to 3'	:	AGCGGCAGGCTAAATATCAA
(i) SEQUENCE CHARACTERISTICS	:	
(A) LENGTH	:	20
(B) TYPE	:	
(C) STRANDEDNESS	:	
(L) LENGTH	:	
(ii) MOLECULE TYPE	:	DNA
(iii) HYPOTHETICAL	:	
(iv) ANTI-SENSE	:	
(v) ORIGINAL SOURCE	:	
(A) ORGANISM	:	ARTIFICIAL
(B) INDIVIDUAL/ISOLATE	:	
(C) CELL TYPE	:	
(vi) IMMEDIATE SOURCE	:	
(B) CLONE	:	
(C) OTHER	:	SYNTHETIC
(x) PUBLICATION INFORMATION	:	
(A) AUTHORS	:	Cipriani et al.
(B) TITLE	:	AC/GT and AG/CT Microsatellite Repeats in
	:	Peach [Prunus persica (L) Batsch]: isolation,
	:	Characterization, and cross-species
	:	Amplification in Prunus
(C) JOURNAL	:	Theor. Appl. Genet.
(D) VOLUME	:	99
(F) PAGES	:	65-72
(G) DATE	:	1999
(K) RELEVANT RESIDUES	:	
(x) PUBLICATION INFORMATION	:	
(A) AUTHORS	:	Testolin et al.
(B) TITLE	:	Microsatellite DNA in peach (Prunus
	:	persica L. Batsch) and its use in
	:	Fingerprinting and testing the genetic
	:	Origin of cultivars
(C) JOURNAL	:	Genome
(D) VOLUME	:	43
(F) PAGES	:	512-520
(G) DATE	:	2000
(K) RELEVANT RESIDUES	:	

(11) INFORMATION FOR UDP98-407-B	:	Sequence ID No. 10
Sequence 5' to 3'	:	AATCGCCGATCAAAGCAAC
(i) SEQUENCE CHARACTERISTICS	:	
(A) LENGTH	:	19
(B) TYPE	:	
(C) STRANDEDNESS	:	
(M) LENGTH	:	
(ii) MOLECULE TYPE	:	DNA
(iii) HYPOTHETICAL	:	
(iv) ANTI-SENSE	:	
(v) ORIGINAL SOURCE	:	
(A) ORGANISM	:	ARTIFICIAL
(B) INDIVIDUAL/ISOLATE	:	
(C) CELL TYPE	:	
(vi) IMMEDIATE SOURCE	:	
(B) CLONE	:	
(C) OTHER	:	SYNTHETIC
(x) PUBLICATION INFORMATION	:	
(A) AUTHORS	:	Cipriani et al.
(B) TITLE	:	AC/GT and AG/CT Microsatellite Repeats in
	:	Peach [Prunus persica (L) Batsch]: isolation,
	:	Characterization, and cross-species
	:	Amplification in Prunus
(C) JOURNAL	:	Theor. Appl. Genet.
(D) VOLUME	:	99
(F) PAGES	:	65-72
(G) DATE	:	1999
(K) RELEVANT RESIDUES	:	
(x) PUBLICATION INFORMATION	:	
(A) AUTHORS	:	Testolin et al.
(B) TITLE	:	Microsatellite DNA in peach (Prunus
	:	persica L. Batsch) and its use in
	:	Fingerprinting and testing the genetic
	:	Origin of cultivars
(C) JOURNAL	:	Genome
(D) VOLUME	:	43
(F) PAGES	:	512-520
(G) DATE	:	2000
(K) RELEVANT RESIDUES	:	

(12) INFORMATION FOR BPPCT025-A	:	Sequence ID No. 11
Sequence 5' to 3'	:	TCCTGCGTAGAAGAAGGTAGC
(i) SEQUENCE CHARACTERISTICS	:	
(A) LENGTH	:	21
(B) TYPE	:	
(C) STRANDEDNESS	:	
(N) LENGTH	:	
(ii) MOLECULE TYPE	:	DNA
(iii) HYPOTHETICAL	:	
(iv) ANTI-SENSE	:	
(v) ORIGINAL SOURCE	:	
(A) ORGANISM	:	ARTIFICIAL
(B) INDIVIDUAL/ISOLATE	:	
(C) CELL TYPE	:	
(vi) IMMEDIATE SOURCE	:	
(B) CLONE	:	
(C) OTHER	:	SYNTHETIC
(x) PUBLICATION INFORMATION	:	
(A) AUTHORS	:	Dirlewanger et al.
(B) TITLE	:	Development of microsatellite markers
	:	In peach [Prunus persica (L.) Batsch]
	:	And their use in genetic diversity
	:	Analysis in peach and sweet cherry
(C) JOURNAL	:	Theor. Appl. Genet.
(D) VOLUME	:	105
(F) PAGES	:	127-138
(G) DATE	:	2002
(K) RELEVANT RESIDUES	:	

(13) INFORMATION FOR BPPCT025-B	:	Sequence ID No. 12
Sequence 5' to 3'	:	CGACATAAAGTCCAAATGGC
(i) SEQUENCE CHARACTERISTICS	:	
(A) LENGTH	:	20
(B) TYPE	:	
(C) STRANDEDNESS	:	
(O) LENGTH	:	
(ii) MOLECULE TYPE	:	DNA
(iii) HYPOTHETICAL	:	
(iv) ANTI-SENSE	:	
(v) ORIGINAL SOURCE	:	
(A) ORGANISM	:	ARTIFICIAL
(B) INDIVIDUAL/ISOLATE	:	
(C) CELL TYPE	:	
(vi) IMMEDIATE SOURCE	:	
(B) CLONE	:	
(C) OTHER	:	SYNTHETIC
(x) PUBLICATION INFORMATION	:	
(A) AUTHORS	:	Dirlewanger et al.
(B) TITLE	:	Development of microsatellite markers
	:	In peach [Prunus persica (L.) Batsch]
	:	And their use in genetic diversity
	:	Analysis in peach and sweet cherry
(C) JOURNAL	:	Theor. Appl. Genet.
(D) VOLUME	:	105
(F) PAGES	:	127-138
(G) DATE	:	2002
(K) RELEVANT RESIDUES	:	

(14) INFORMATION FOR Pchgms1-A	:	Sequence ID No. 13
Sequence 5' to 3'	:	GGGTAAATATGCCCATTGTGCAATC
(i) SEQUENCE CHARACTERISTICS	:	
(A) LENGTH	:	25
(B) TYPE	:	
(C) STRANDEDNESS	:	
(P) LENGTH	:	
(ii) MOLECULE TYPE	:	DNA
(iii) HYPOTHETICAL	:	
(iv) ANTI-SENSE	:	
(v) ORIGINAL SOURCE	:	
(A) ORGANISM	:	ARTIFICIAL
(B) INDIVIDUAL/ISOLATE	:	
(C) CELL TYPE	:	
(vi) IMMEDIATE SOURCE	:	
(B) CLONE	:	
(C) OTHER	:	SYNTHETIC
(x) PUBLICATION INFORMATION	:	
(A) AUTHORS	:	Sosinski et al.
(B) TITLE	:	Characterization of Microsatellite Markers In Peach [Prunus persica (L.) Batsch]
(C) JOURNAL	:	Theor. Appl. Genet.
(D) VOLUME	:	101
(F) PAGES	:	421-428
(G) DATE	:	2000
(K) RELEVANT RESIDUES	:	

(15) INFORMATION FOR Pchgms1-B	:	Sequence ID No. 14
Sequence 5' to 3'	:	GGATCATTGAACTACGTCAATCCTC
(i) SEQUENCE CHARACTERISTICS	:	
(A) LENGTH	:	25
(B) TYPE	:	
(C) STRANDEDNESS	:	
(Q) LENGTH	:	
(ii) MOLECULE TYPE	:	DNA
(iii) HYPOTHETICAL	:	
(iv) ANTI-SENSE	:	
(v) ORIGINAL SOURCE	:	
(A) ORGANISM	:	ARTIFICIAL
(B) INDIVIDUAL/ISOLATE	:	
(C) CELL TYPE	:	
(vi) IMMEDIATE SOURCE	:	
(B) CLONE	:	
(C) OTHER	:	SYNTHETIC
(x) PUBLICATION INFORMATION	:	
(A) AUTHORS	:	Sosinski et al.
(B) TITLE	:	Characterization of Microsatellite Markers In Peach [Prunus persica (L.) Batsch]
(C) JOURNAL	:	Theor. Appl. Genet.
(D) VOLUME	:	101
(F) PAGES	:	421-428
(G) DATE	:	2000
(K) RELEVANT RESIDUES	:	